



PATENT APPLICATION  
Attorney Docket  
No. 68430 061 25 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE      TECH CENTER 1600/2000

Applicant: **Ades et al.**

Serial No.: 09/613,092

Filed: July 10, 2000

Title: MULTIPLE ANTIGENIC PEPTIDES  
IMMUNOGENIC AGAINST  
STREPTOCOCCUS PNEUMONIA

Group Art Unit: 1653

Examiner:

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this date

10-20-00  
Date Registration No. 30,562  
Attorney for Applicant(s)

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**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.97-1.99**

Commissioner of Patents  
and Trademarks  
Attention: Assistant Commissioner  
of Patents  
Washington, D.C. 20231

## TECH CENTERS

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §1.56, submitted herewith are copies of references, which may be material in the examination of the above-specified application. Also submitted herewith is a PTO-1449 information disclosure citation form on which the references provided herewith are listed.

## United States Patents

<u>Inventor</u>	<u>Patent No.</u>
Russell et al.	5,422,427
Sampson et al.	5,854,416

### Foreign References

<u>Country</u>	<u>Patent No.</u>
PCT	WO 99/45121

## References

Verheul, A.F.M., et al., "Monopalmitic acid-peptide conjugates induce cytotoxic T cell responses against malarial epitopes: importance of spacer amino acids", Journal of Immunological Methods, 182 (1995), pp. 219-2216.

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Sampson, J. S., et al. "Cloning and Nucleotide Sequence Analysis of PsaA, the Streptococcus pneumoniae Gene Encoding a 37-Kilodalton Protein Homologous to Previously Reported Streptococcus sp. Adhesins", Infection and Immunity, Jan. 1994, p. 319-324.

Russell, H., et al., "Monoclonal Antibody Recognizing a Species-Specific Protein from Streptococcus pneumoniae", Journal of Clinical Microbiology, Oct. 190, pp. 2191-2195.

Tharpe, J. A., et al., "Purification and Seroreactivity of Pneumococcal Surface Adhesin A (PsaA), Clinical and Diagnostic Laboratory Immunology, March 1996, p. 227-229.

Talkington et al., "Protection of mice against fat pneumococcal challenge by immunization with pneumococcal surface adhesin A (PsaA)", Microbiol. Pathogenesis, 21:17-22.

Tharpe et al., "The utility of a recombinant protein in an enzyme immunoassay for antibodies against Streptococcus pneumoniae", Abstract V-2, p. 617, 1994, American Society for Microbiology, Washington, D.C.

Respectfully submitted,

FITCH, EVEN, TABIN & FLANNERY

By: 

Richard A. Kaba  
Registration No. 30,562

Date: October 20, 2000  
120 South LaSalle Street, Suite 1600  
Chicago, Illinois 60603-3406  
312/577-7000

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